Primary Hepatic Neuroendocrine Tumor – multimodal approach for diagnosis and management

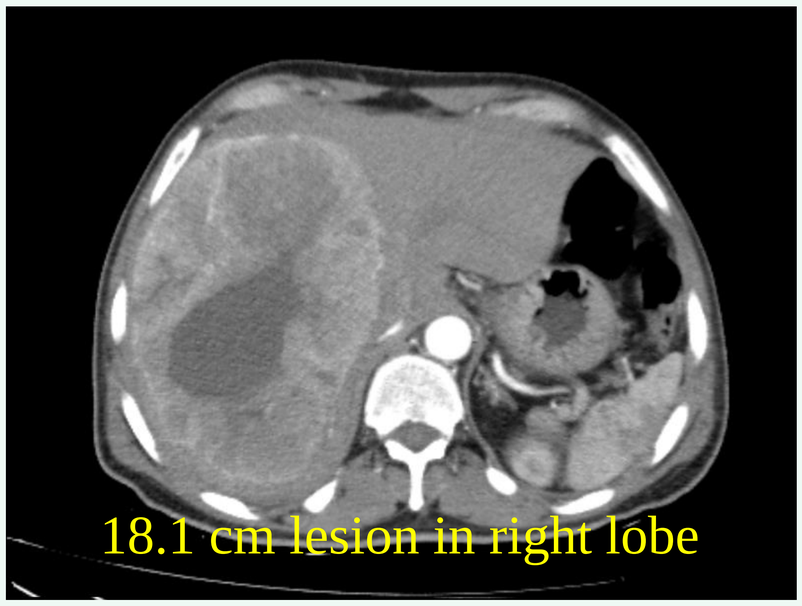
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BACKGROUND

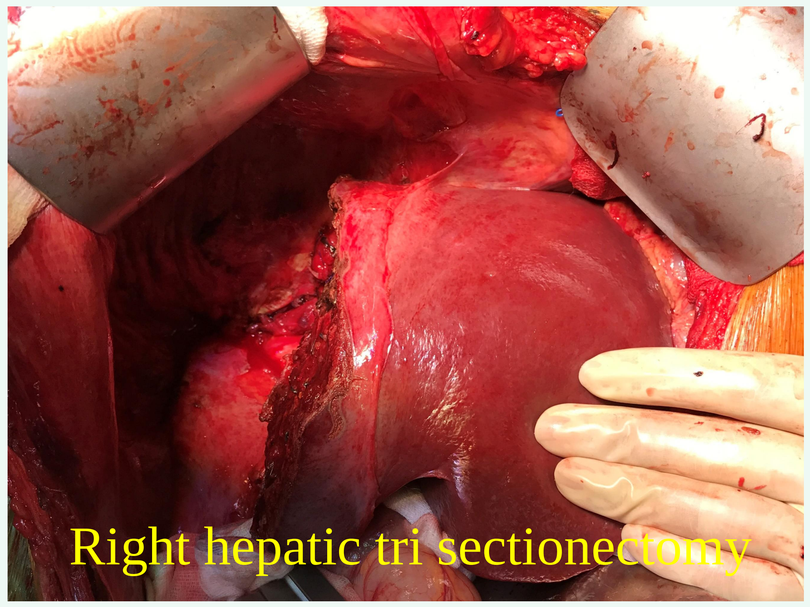
- Primary hepatic neuroendocrine tumors are rare
- Only 150 reported cases in English literature

CONCLUSION

- Primary Hepatic NET are difficult to diagnose
- Managed with multimodal approach



18.1 cm lesion in right lobe



Right hepatic tri sectionectomy



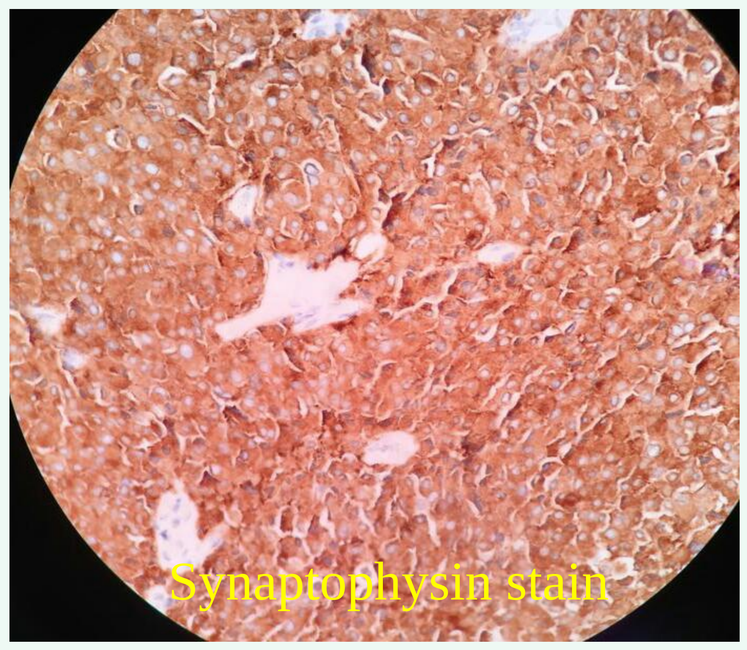
Resected specimen

PRESENTATION & DIAGNOSIS

- 64 years old male
- Right upper abdominal pain – 3 weeks
- Non tender hepatomegaly
- Viral markers for Hep B & C: non reactive.
- CT scan: 18.1 cm lesion in right lobe, atypical for HCC
- Biopsy: NET
- GI endoscopies and whole body Octreotide scan: No other primary

MANAGEMENT

- 1 cycle of neo adjuvant chemotherapy
- Right portal venous embolization
- Right hepatic trisectionectomy
- Discharged on 6th post operative day



Synaptophysin stain

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